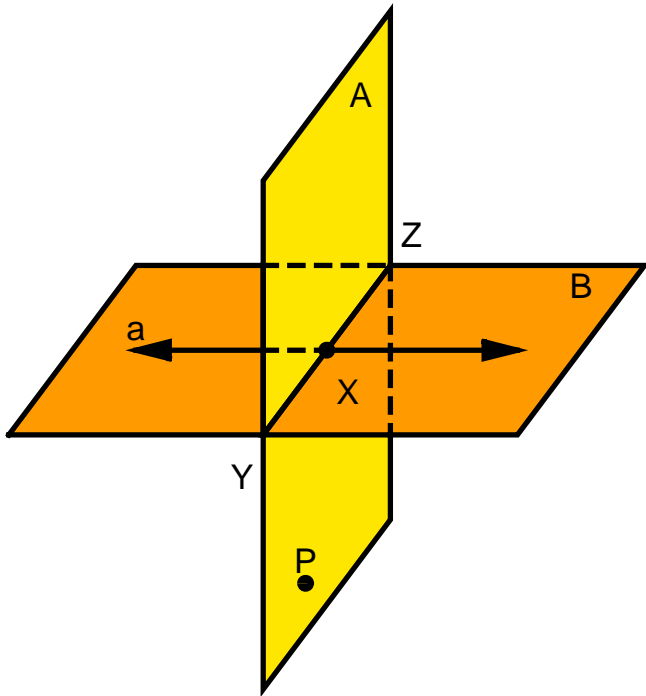


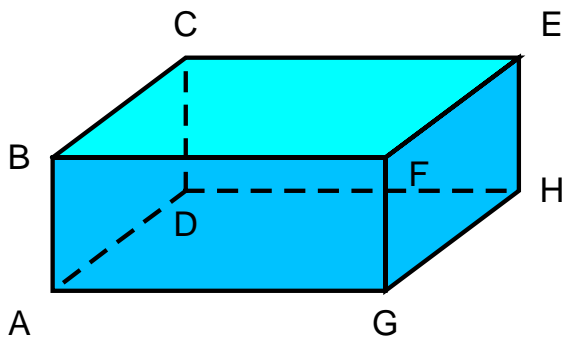
## Worksheet Section 2.2: Defined Terms

Use the diagram below to classify each statement as true or false.



1. P is in B.
2. a is in B.
3.  $\overleftrightarrow{YZ}$  contains P.
4. B contains  $\overleftrightarrow{YZ}$ .
5. X is on a.
6. X and P are in B.
7. A contains P.
8. a is in B.
9. Plane A intersects Plane B in  $\overleftrightarrow{XY}$ .
10. Y, Z, and P are coplanar.
11. A contains  $\overleftrightarrow{YZ}$ .

Name a fourth point that is in the same plane as the given points in the figure below.



12. A, B, D

13. E, F, G

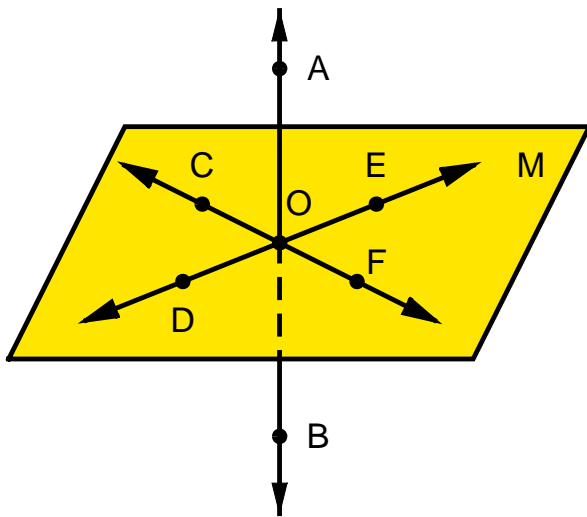
14. B, C, F

15. B, A, G

16. A, G, H

17. D, H, G

Use the diagram below to classify each statement as true or false.



18.  $\overleftrightarrow{AB}$  intersects plane M at point O.

19. E, O, and F are collinear.

20. C, O, and F are collinear.

21. D, O and E are coplanar.

22. D, O, E and C are coplanar.

23.  $\overleftrightarrow{DE}$  and  $\overleftrightarrow{CF}$  are coplanar.

24.  $\overleftrightarrow{DE}$  and  $\overleftrightarrow{CF}$  intersect at point O.